



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re patent application of: Kirby Hayes

Att. Docket No.: 2216-001 CIP

Serial No.: 10/694,858

Examiner:

Filed: October 29, 2003

Art Unit: 3672

For: **PROPELLANT TREATMENT AND CONTINUOUS FOAM REMOVAL OF WELL DEBRIS**

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner of Patents

P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Submitted herewith are several references which have come to the applicant's attention and which may be deemed relevant to the above-identified application, together with form PTO/SB/08A listing the references.

It is requested that these references be made of record in the present application.

Respectfully submitted,

Sean W. Goodwin
Registration No. 39, 568

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(403) 203-0107

Feb 19/04, 2004



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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Assistant Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450
SIR:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. 1.97 – 1.98.

Please note the following particulars:

[NOTE: One only of items a, b, c, and d must be checked.]

- ☒ a. The enclosed information disclosure statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.
- ☐ b. The enclosed information disclosure statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311.

The enclosed information disclosure statement is accompanied by [check one]:

- ☐ i. A statement in part (e) below as specified in 37 C.F.R. 1.97(e), or
- ☐ ii. A check in the amount of \$240.00 required by 37 C.F.R. 1.17(p).
- ☐ c. The enclosed information disclosure statement is being filed after the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311, but before payment of the issue fee.

PETITION: It is requested that the information being submitted be considered. {NOTE: If box (c) is checked, the following two boxes must be checked.}

☐ **PETITION FEE:** a check for \$130.00 required by 37 CFR 1.17(i)(I), is enclosed,

☐ **STATEMENT** is attended to in box (e) below.

- ☐ d. The enclosed information disclosure statement is being filed pursuant to 37 C.F.R. 1.97(I), for placement in the file.

☐ e. **Statement** [Check one] [Statement is required only if box (b)(1) or box (c) is checked.]

☐ I hereby state that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

or

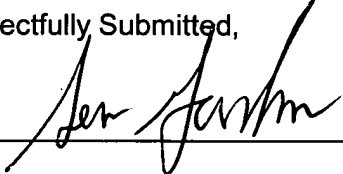
☐ I hereby state that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.5(c) more than three months prior to the filing of this Information Disclosure Statement.

or

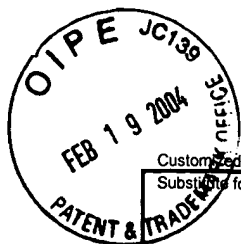
☐ Appropriate statement is attached.

Date: Feb 18, 2004

Respectfully Submitted,



By: Sean W. Goodwin
Registration No. 39,568



Customized PTO/SB/08A
Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 2

Application No.: 10/694,858
Filing Date: Oct 29, 2003
First Named Inventor: Kirby Hayes
Group Art Unit: 3672
Examiner Name:
Attorney Docket No.: 2216-001 CIP

U.S. PATENT DOCUMENTS

Initial	Document No.	Name	Date	Relevance
	4,617,997	Jennings, Jr.	21/10/1986	
	4,633,951	Hill et al.	06/01/1987	
	4,823,875	Hill et al.	25/04/1989	
	5,363,917	Jennings et al.	15/11/1994	
	5,775,426	Snider et al.	07/07/1998	
	6,138,753	Mohaupt	31/10/2000	
	6,494,261	Pahmiyer	17/12/2002	

FOREIGN PATENT DOCUMENTS

Initial	Office	Number	Name	Date	Relevance	Trans

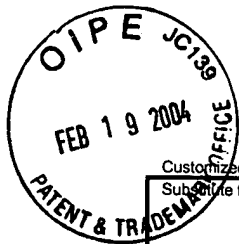
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Initial	Name (in CAPS), Title of Article, Title of Item, Date, Page(s), Volume-Issue No., etc.	Trans
	http://www.rocanda.com/ , 2 pages, Aug. 7/03	
	http://www.rocanda.com/products/tcr1.htm , 2 pages, Aug. 7/03	
	http://www.rocanda.com/products/tq2.htm , 1 page, Aug. 7/03	
	Owen Oil Tools Division website, 2 pages, Aug. 7/03	
	http://www.glossary.oilfield.slb.com/Display.cfm?Term=tubing%2Dconveyed%20perforating , 1 page, Aug. 7/03	
	www.west.net/~sevodyn/SVCS_inf.htm , 1 page, Aug. 7/03	

Examiner Signature

Date Considered

* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Customized PTO/SB/08A
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 2

Application No.: 10/694,858
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Initial	Name (in CAPS), Title of Article, Title of Item, Date, Page(s), Volume-Issue No., etc.	Trans
	http://www.bakerhughes.com/bakeratlas/completion/perforating_advanced.htm , 2 pages, Aug 11/03	
	http://www.bakerhughes.com/bakerpetrolite/oilgas/foam/products.htm , 2 pages, Aug 7/03	
	http://www.bakerhughes.com/bakerpetrolite/oilgas/foam/ , 1 page, Aug 7/03	
	http://www.bakerhughes.com/bakerpetrolite/oilgas/foam/about.htm , 1 page, Aug 7/03	
	http://www.thegasgun.com/Technolgoy.htm , 2 pages, Aug 7/03	
	http://www.logwell.com/tech/shot/propellant_shot.html , 3 pages, Aug 7/03	
	http://www.propelltech.com/solution.html , 1 page, Aug 13/03	
	http://www.kirbyhayes.com/stablefoam.htm , 2 pages, Jan 15/03	
	http://www.lloydminsterheavyoil.com/CPperforate.htm , 5 pages, Dec. 20/02	
	http://www.kirbyhayes.com/perfwhilefoam.htm , 2 pages, Dec. 20/02	
	1998 SPE European Petroleum Conference, The Hague, The Netherlands, 20-22 October 1998, <u>Innovative Live Well Perforating System Used in the Stratford Field</u> , Kleppa et al., copyright 1998, Society of Petroleum Engineers, SPE 50588, 10 pages	

Examiner Signature		Date Considered	
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* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.